



# ENVIRONMENT & ENERGY CONSULTANTS inc.

Mocasb

- INDUSTRIAL HYGIENE
- ENGINEERING
- MICROSCOPY
- CHEMISTRY
- SAFETY

Audra Gier

INVOICE NUMBER 1303

EPA Lab  
25 Funston Road  
Kansas City, KS 66101

Site: <u>Maline Creek</u>
ID #: <u>MO0980631162</u>
Break: <u>2.3</u>
Other: <u>Environment &amp; Energy</u>
<u>11-30-94</u>

November 30, 1994  
Report No. 94-11-01412  
P.O. #99630

Attn: Mr. Don Hamera

Determination of asbestos content by transmission electron microscopy on thirty-one (31) bulk soil samples submitted.

31 @ \$75.00/each

\$2,325.00

SB/RN/KV/nm

07KF

30290521

2.0



Superfund

0400

**TERMS: DUE ON RECEIPT. PLEASE INCLUDE INVOICE NUMBER WITH REMITTANCE.**

A 1 1/2% SERVICE CHARGE PER MONTH (18% PER ANNUM) WILL BE ADDED TO ALL INVOICES 30 DAYS FROM INVOICE DATE.

We hereby certify that these goods were produced in compliance with all applicable requirements of sections 6,7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof.

2350 S. SEVENTH STREET

ST. LOUIS, MISSOURI 63104-4296

(314) 771-4436



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Report No. 94-11-01412

November 30, 1994

P.O. #99630

Determination of asbestos content by transmission electron microscopy on thirty-one (31) bulk samples submitted on November 21, 1994.

EPA Lab  
25 Funston Road  
Kansas City, KS 66101

Attn: Mr. Don Hamera

TEST REPORT

<u>Sample Identification</u>	<u>E.E.C. Lab No.</u>	<u>Residue After Ashing</u>	<u>Residue After Acid Extraction</u>	<u>Asbestos Concentration</u>
4131	6888	84.0%	77.0%	Chrysotile, Trace, Less Than 1%
4119	6889	83.0%	81.0%	None Detected, Less Than 1% If Present
4313	6890	95.0%	90.0%	None Detected, Less Than 1% If Present
4269	6891	77.0%	60.0%	Chrysotile, Greater Than 1%
4173	6892	90.0%	85.0%	Chrysotile, Trace, Less Than 1%



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Page Two

<u>Sample Identification</u>	<u>E.E.C. Lab No.</u>	<u>Residue After Ashing</u>	<u>Residue After Acid Extraction</u>	<u>Asbestos Concentration</u>
4325	6893	87.0%	79.0%	Chrysotile, Greater Than 1%
4319	6894	94.0%	72.0%	Chrysotile, Greater Than 1%
4311	6895	80.0%	76.0%	None Detected, Less Than 1% If Present
4231	6896	75.0%	30.0%	Chrysotile, Greater Than 1%
4323	6897	88.0%	71.0%	Chrysotile, Greater Than 1%
4185	6898	93.0%	77.0%	Chrysotile, Trace, Less Than 1%
4167	6899	76.0%	71.0%	None Detected, Less Than 1% If Present
4279	6900	85.0%	77.0%	None Detected, Less Than 1% If Present



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Page Three

<u>Sample Identification</u>	<u>E.E.C. Lab No.</u>	<u>Residue After Ashing</u>	<u>Residue After Acid Extraction</u>	<u>Asbestos Concentration</u>
4285	6901	85.0%	74.0%	None Detected, Less Than 1% If Present
4309	6902	89.0%	87.0%	None Detected, Less Than 1% If Present
4145	6903	79.0%	72.0%	Chrysotile, Greater Than 1%
4109	6904	83.0%	81.0%	Chrysotile & Amosite, Trace, Less Than 1%
4193	6905	66.0%	58.0%	Chrysotile, Trace, Less Than 1%
4283	6906	75.0%	62.0%	Chrysotile, Greater Than 1%
4247	6907	88.0%	83.0%	Chrysotile, Trace, Less Than 1%
4235	6908	80.0%	73.0%	Chrysotile, Trace, Less Than 1%



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Page Four

<u>Sample Identification</u>	<u>E.E.C. Lab No.</u>	<u>Residue After Ashing</u>	<u>Residue After Acid Extraction</u>	<u>Asbestos Concentration</u>
4201	6909	91.0%	83.0%	None Detected, Less Than 1% If Present
4187	6910	83.0%	80.0%	None Detected, Less Than 1% If Present
4113	6911	94.0%	88.0%	None Detected, Less Than 1% If Present
4151	6912	86.0%	85.0%	None Detected, Less Than 1% If Present
4139	6913	90.0%	85.0%	Chrysotile, Trace, Less Than 1%
4213	6914	88.0%	85.0%	None Detected, Less Than 1% If Present
4249	6915	89.0%	86.0%	None Detected, Less Than 1% If Present
4179	6916	93.0%	85.0%	Chrysotile, Trace, Less Than 1%



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Page Five

<u>Sample Identification</u>	<u>E.E.C. Lab No.</u>	<u>Residue After Ashing</u>	<u>Residue After Acid Extraction</u>	<u>Asbestos Concentration</u>
4219	6917	90.0%	86.0%	Chrysotile, Trace, Less Than 1%
4259	6918	93.0%	61.0%	None Detected, Less Than 1% If Present

Analysis conducted in accordance with SOP-1988-02 Rev. 1; Analysis of Resilient Floor Tile by Eric J. Chatfield.

Susan Barnes: Susan Barnes  
Electron Microscopist

Kelly Vaccaro: Kelly Vaccaro  
Electron Microscopist

Date Completed: November 30, 1994

Respectfully submitted,

Roman J. Narconis, Jr.  
Roman J. Narconis, Jr., Mgr.  
Electron Microscopy Lab  
Microanalytical Lab

RN/nm